

REMARKS

Claim 1 has been limited to effectively the polynucleotides of former clause (e), now (a), and complements thereof. The "entire length" language is from claim 8, now cancelled as moot.

New claims 56-58 are based on page 7, lines 5-7.

New claims 59-62 are based on page 7, lines 8-15. New claim 63 is based on page 8, line 37 to page 9, line 12.

Claim 5 is directed to a polynucleotide encoding a polypeptide comprising SEQ ID NO:2 and is thus broader than new claim 64. New claim 65 is based on former clause (f) of claim 1. It requires medium stringency, whereas new 66 requires medium/high; new 67, high; and new 68, very high. Stringency conditions are defined at page 10, lines 32-37. Claim 7 now requires at least 85% identity at the nucleotide level. Claims 69-73 are based on page 11, lines 10-14 and clause "b" of original claim 1. Note that amended claim 4 is broader than new claim 72.

Respectfully submitted,

BROWDY AND NEIMARK, P.L.L.C.  
Attorneys for Applicant

By: 

Iver P. Cooper  
Reg. No. 28,005

624 Ninth Street, N.W.  
Washington, D.C. 20001  
Telephone: (202) 628-5197  
Facsimile: (202) 737-3528  
IPC:lms  
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